

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with James A. Sheridan on 8/28/2007.

The application has been amended as follows:

Independent claim 15 and dependent claims 18-25 are canceled;

Dependent claims 5, 6, 9, 12-14 and 30-37, line 1, replace the phrase "A method and " A method as in " for indexing as in..." with the phrase "The method for indexing as in...".

Dependent claim 26, line 1, replace the phrase "The computer readable medium as in..." with the phrase "The method for indexing as in...".

The following is an examiner's statement of reasons for allowance:

Referring to claim 1, cited prior art does not teach a method for execution by a data processor for indexing vertex data defining at least one primitive to enhance primitive processing by the processor comprising assigning a unique neighbor index to each of the one of the one-ring neighbor vertices in a sequential order around the reference vertex wherein the unique neighbor index includes a user-specified offset relative to each of the neighboring primitives, the offset being used to specify a

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